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IN THE CLAIMS Technology Center 2100
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4. (Amended) An image rendering apparatus according to claim 1, wherein said antialiased image forming means performs antialiasing processing by determining pixel values of pixels, through which an ideal line corresponding to the predetermined line part represented by the extracted data passes, according to a ratio of an area occupied by the ideal line to an area of each of the pixels.

5. (Amended) An image rendering apparatus according to claim 4, wherein a line represented by the extracted data or the ideal line forms an angle with an X-axis and said antialiased image forming means determines pixels, on which antialiasing processing is performed, along a direction of the X-axis when the angle is equal to or larger than a predetermined value, and wherein said antialiased image forming means determines pixels, on which antialiasing processing is performed, along a direction of a Y-axis orthogonal to the X-axis when the angle is smaller than the predetermined value.

6. (Amended) An image rendering apparatus according to claim 4, wherein said antialiased image forming means detects the ratio in units of sub-pixels into which one pixel is virtually divided.

10. (Amended) An image rendering method according to claim 7, wherein said step of forming a partially antialiased image includes a step of performing antialiasing processing by determining pixel values of pixels, through which an ideal line corresponding to the predetermined line part represented by the extracted data passes, according to a ratio of an area occupied by the ideal line to an area of each of the pixels.

11. (Amended) An image rendering method according to claim 10, wherein a line represented by the extracted data or the ideal line forms an angle with an X-axis and said step of forming a partially antialiased image includes a step of determining pixels, on which antialiasing processing is performed, along a direction of the X-axis when the angle is equal to or larger than a predetermined value, and a step of determining pixels, on which antialiasing processing is performed, along a direction of a Y-axis orthogonal to the X-axis when the angle is smaller than the predetermined value.

12. (Amended) An image rendering method according to claim 10, wherein said step of forming a partially antialiased image includes a step of detecting the ratio in units of sub-pixels into which one pixel is virtually divided.

13. (Amended) A computer-readable storage medium having a computer program stored therein, said program comprising the steps of:

rendering an image;

forming a partially antialiased image by extracting data corresponding to a predetermined line part of the rendered image and performing antialiasing processing on the extracted data; and

overwriting the partially antialiased image onto the rendered image.

16. (Amended) A storage medium according to claim 13, wherein said step of forming a partially antialiased image includes a step of performing antialiasing processing by determining pixel values of pixels, through which an ideal line corresponding to the predetermined line part represented by the

extracted data passes, according to a ratio of an area occupied by the ideal line to an area of each of the pixels.

17. (Amended) A storage medium according to claim 16, wherein a line represented by the extracted data or the ideal line forms an angle with an X-axis and said step of forming a partially antialiased image includes a step of determining pixels, on which antialiasing processing is performed, along a direction of the X-axis when the angle is equal to or larger than a predetermined value, and a step of determining pixels, on which antialiasing processing is performed, along a direction of a Y-axis orthogonal to the X-axis when the angle is smaller than the predetermined value.

18. (Amended) A storage medium according to claim 16, wherein said step of forming a partially antialiased image includes a step of detecting the ratio of in units of sub-pixels into which one pixel is virtually divided.

19. (Amended) A server apparatus, comprising:

a computer-readable storage medium for storing a computer program; and

a distributing means for distributing the computer program stored on the computer-readable storage medium, wherein said program including the steps of:

rendering an image;

forming a partially antialiased image by extracting data corresponding to a predetermined line part of the rendered image and performing antialiasing processing on the extracted data; and

overwriting the partially antialiased image onto the rendered image.

20. (Amended) A computer-readable storage medium having a computer program stored thereon, said computer program comprising the steps of:

performing antialiasing processing on at least a limited portion of a rendered image, the limited portion including a predetermined line part of the rendered image; and

overwriting an image of the antialiased limited portion onto the rendered image.

21. (Amended) The computer-readable storage medium of claim 20, wherein the predetermined line part includes at least a contour of the rendered image.

22. (Amended) The computer-readable storage medium of claim 20, wherein said computer program further comprises the steps of extracting data corresponding to the limited portion from data representing the rendered image, and the antialiasing processing is performed according to the extracted data.

23. (Amended) The computer-readable storage medium of claim 20, wherein said computer program further comprises the step of rendering the image.

Insert new claims 24-28 as follows:

24. (New) An image processing apparatus, comprising:
a processor operative on an image for determining visually important line information of the image and for providing packets of polygon data representing the image, the polygon data including the visually important line information; and

a graphics processor for receiving the packets of polygon data and for performing antialiasing on the image by using only the visually important line information.

25. (New) The image processing apparatus of claim 24, wherein the visually important line information of the image comprises contour lines of the image and contour candidates of the image.

26. (New) The image processing apparatus of claim 24, wherein the graphics processor identifies pixels associated with the visually important line information and performs antialiasing on the identified pixels.

27. (New) The image processing apparatus of claim 26, wherein the pixels are identified by selecting those pixels through which an ideal line passes, wherein the ideal line is determined from the visually important line information.

28. (New) The image processing apparatus of claim 27, wherein the pixels are identified along a direction of an X-axis if an angle that the ideal line forms with the X-axis is greater than a predetermined value and wherein the pixels are identified along a Y-axis if the angle is less than the predetermined value.